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March 23, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS DESIGNATED/ELECTED OFFICE (DO/EO/US) UNDER THE PATENT COOPERATION TREATY CONCERNING A FILING UNDER 35 U.S.C. § 371

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For:	PROCESS FOR ACTII FROM KETOISOPHOI)		
Filed:		Herewith)		
Interna	tional Filing Date:	16 September 2003)	Art Unit:	Not yet assigned
Based	on Int'l Application No.:	PCT/EP2003/010295)	Examine	r:Not yet assigned
Tatsuo	HOSHINO et al.)		
In re A	pplication of:)		

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record the following documents (clean copies and a Form PTO-1449 listing the documents are enclosed). The following documents were cited in the International Search Report, mailed March 24, 2004 in the International application corresponding to the above-captioned case.

U,S. PATENT DOCUMENTS

	Document No.	<u>Date</u>
A1	4,072,715	2/7/1978

FOREIGN PATENT DOCUMENTS

	Document No.	<u>Date</u>	Country
B1	1 122 315	8/8/2001	Europe
B2	1 074 630	2/7/2001	Europe
B3	1 026 235	8/9/2000	Europe
B4	0 982 406	3/1/2000	Europe

OTHER DOCUMENTS

- Wada M. et al., "Purification and Characterization of Monovalent Cation-Activated Levodione Reductase from Corynebacterium Aquaticum M-13,"

 <u>Applied and Environmental Microbiology</u>, vol. 65, no. 10, pp. 4399-4403 (1999).
- C2 Wanner and Tressl, "Purification and Characterization of Two Enone Reductases from Saccharomyces Cerevisiae," Eur. J. Biochem., vol. 255, pp. 271-278 (1998).
- C3 Yoshisumi, A. et al., "Cloning, Sequence Analysis, And Expression in Escherichia Coli of the Gene Encoding Monovalent Cation-Activated Levodione Reductase from Corynebacterium Aquaticum M-13," Biosci. Biotechnol. Biochem., vol. 65, no. 4, pp. 830-836 (2001).
- C4 Stott, K. et al., "Old Yellow Enzyme: The Discovery of Multiple Isozymes and a Family of Related Proteins," Journal of Biological Chemistry, vol. 268, no. 9, pp. 6097-6106 (1993).
- C5 Niino, Y.S. et al., "A New Old Yellow Enzyme of Saccharomyces Cerevisiae," Journal of Biological Chemistry, vol. 270, no. 5, pp. 1983-1991 (1995).
- C6 Vaz, A.D.N. et al., "Old Yellow Enzyme: Aromatization of Cyclic Enones and the Mechanism of a Novel Dismutation Reaction," Biochemistry, vol. 34, pp. 4246-4256 (1995).
- C7 Wada, M. et al., "Production of a Doubly Chiral Compound, (4R,6R)-4-Hydroxy-2,2,6-Trimethylcyclohexanone, by Two-Step Enzymatic Asymmetric Reduction," Applied and Environmental Microbiology, vol. 69, no. 2, pp. 933-937 (2003).
- C8 Kataoka, M. et al., "Old Yellow Enzyme from Candida Macedoniensis Catalyzes the Stereospecific Reduction of the C=C Bond of Ketoisophorone," Biosci. Biotechnol. Biochem, vol. 66, no. 12, pp. 2651-2657 (2002).

The Examiner's independent consideration of all of these documents and their relevance before issuance of the first official action is respectfully requested. The Examiner is also requested to initial and return a copy of the accompanying form PTO-1449 to evidence such consideration.

Copies of the International Search Report and International Preliminary Examination Report are included herewith. All documents cited in these reports are identified herein and copies of all documents, other than the U.S. patent document, are provided. See MPEP § 609(III)(A)(2)(A) (8th Ed., Rev. 2, May 2004, p. 600-128); See also 1276 OG 55 (August 5, 2003) (Waiving the requirement under Rule 98(a)(2)(1) to provide a copy of each cited U.S. patent document for any application filed after June 30, 2003.).

This Information Disclosure Statement is being filed in accordance with the provisions under 37 C.F.R. §1.97(b)(2), within three months of the date of entry of the national stage of the national application. Accordingly, no fee is believed to be due. If, however, a fee is due, please charge the same to Deposit Account No. 02-4467. A duplicate copy of this sheet is enclosed.

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If the Examiner has any questions regarding this paper, please contact the undersigned attorney.

Respectfully submitted,

By: (I/W/U/)

Charles M. Avigliano Registration No. 52,578

BRYAN CAVE LLP

1290 Avenue of the Americas

New York, NY 10104 Phone: (212) 541-2000 Fax: (212) 541-4630

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Form PTO-1449 (Rev.)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21404 US C038435/0185948	INTERNATIONAL APPLICATION NO.: PCT/EP2003/010295		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Tatsuo HOSHINO et al.			
(Us	e several sheets if necessary)	INTERNATIONAL FILING DATE	GROUP Not Yet Assigned		

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	U.S. Patent Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	Al	4,072,715	2/7/1978	Boguth et al.			

FOREIGN PATENT DOCUMENTS

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DATE CONSIDERED					

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.